

The Listing of Claims will replace all prior versions and listings of claims in the present patent application:

Listing of Claims

1-3 (Canceled)

4. (Currently Amended) An apparatus for generating at least one segment of time-sensitive information, comprising:

a queue for storing data frames, ~~said the~~ data frames representing time-sensitive information; and

a first processor for generating a first segment of time-sensitive information if a sufficient quantity of ~~said the~~ time-sensitive information is available for transmission, ~~said the~~ first segment of time-sensitive information having a segment size between a pre-defined minimum segment size and a pre-defined maximum segment size, the first segment size is pre-stored in a memory of a transmitter; and

generating a second segment of time sensitive information having a segment size less than or equal to ~~said the pre-defined~~ maximum segment size upon the receipt of an acknowledgment message from a receiver, wherein the first segment size is different from the second segment size, and the second segment size is negotiated between the transmitter and a receiver prior to start of communications.

5. (Currently Amended) The apparatus of claim 4, further comprising a vocoder for generating data frames from ~~said the~~ time-sensitive information.

6-11 (Canceled)

12. (Currently Amended) A method for generating at least one segment of time-sensitive information, comprising:

pre-defining a minimum segment size for information to be transmitted;

pre-defining a maximum segment size for information to be transmitted, ~~said the~~ maximum segment size being greater than ~~said the~~ minimum segment size;

generating a first segment of time-sensitive information if a sufficient quantity of ~~said the~~ time-sensitive information is available for transmission, ~~said the~~ first segment having a segment size between ~~said the~~ minimum segment size and ~~said the~~ maximum segment size, wherein the first segment size is pre-stored in a memory of a transmitter; and

generating a second segment of time sensitive information having a segment size less than or equal to ~~said the~~ maximum segment size upon the receipt of an acknowledgment message from a receiver, wherein the first segment size is different from the second segment size, and the second segment size is negotiated between the transmitter and the receiver prior to start of communications.

13. (Currently Amended) A computer-readable medium having stored thereon computer-executable instructions to perform acts comprising: generating at least one segment of time-sensitive information; ~~said computer-readable medium comprising instructions that are executable by at least one processor;~~

~~define~~ defining a minimum segment size for information to be transmitted;

~~define~~ defining a maximum segment size for information to be transmitted, ~~said the~~ maximum segment size being greater than ~~said the~~ minimum segment size;

~~generate~~ generating a first segment of time-sensitive information if a sufficient quantity of ~~said the~~ time-sensitive information is available for transmission, ~~said the~~ first segment having a segment size between ~~said the~~ minimum segment size and ~~said the~~ maximum segment size, wherein the first segment size is pre-stored in a memory of a transmitter; and

~~generate~~ generating a second segment of time sensitive information having a segment size less than or equal to ~~said the~~ maximum segment size upon the receipt of an acknowledgment message from a receiver, wherein the first segment size is different from the second segment size, and the second segment size is negotiated between the transmitter and the receiver prior to start of communications.

14. (Currently Amended) An apparatus for generating at least one segment of time-sensitive information, comprising:

means for defining a minimum segment size for information to be transmitted;

means for defining a maximum segment size for information to be transmitted, ~~said the~~ maximum segment size being greater than ~~said the~~ minimum segment size;

means for generating a first segment of time-sensitive information if a sufficient quantity of said time-sensitive information is available for transmission, ~~said the~~ first segment having a segment size between ~~said the~~ minimum segment size and ~~said the~~ maximum segment size, wherein the first segment size is pre-stored in a memory of a transmitter; and

means for generating a second segment of time sensitive information having a segment size less than or equal to ~~said the~~ maximum segment size upon ~~the~~ receipt of an acknowledgment message from a receiver, wherein the first segment size is different from the second segment size, and the second segment size is negotiated between the transmitter and the receiver prior to start of communications.

15. (Previously Presented) The apparatus of claim 4, wherein the apparatus is implemented in a base station.

16. (Previously Presented) The apparatus of claim 14, wherein the apparatus is implemented in a base station.

17. (Previously Presented) A processor ~~adapted to that~~ generates at least one segment of time sensitive information comprising:

means for defining a minimum segment size for information to be transmitted;

means for defining a maximum segment size for information to be transmitted, ~~said the~~ maximum segment size being greater than ~~said the~~ minimum segment size;

means for generating a first segment of said time-sensitive information if a sufficient quantity of ~~said the~~ time-sensitive information is available for transmission, ~~said the~~ first segment having a segment size between ~~said the~~ minimum segment size and ~~said the~~ maximum segment size, wherein the first segment size is pre-stored in a memory of a transmitter; and

means for generating a second segment of time sensitive information having a segment size less than or equal to said maximum segment size upon the receipt of an acknowledgment message from a receiver, wherein the first segment size is different from the second segment size, and the second segment size is negotiated between the transmitter and the receiver prior to start of communications.